

Avengers

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```
avengers <- read.csv("Datasets/avengers.csv")
head(avengers)
```

```
##      X                                                    URL
## 1 1      http://marvel.wikia.com/Henry_Pym_(Earth-616)
## 2 2      http://marvel.wikia.com/Janet_van_Dyne_(Earth-616)
## 3 3      http://marvel.wikia.com/Anthony_Stark_(Earth-616)
## 4 4 http://marvel.wikia.com/Robert_Bruce_Banner_(Earth-616)
## 5 5      http://marvel.wikia.com/Thor_Odinson_(Earth-616)
## 6 6      http://marvel.wikia.com/Richard_Jones_(Earth-616)
##      Name.Alias Appearances Current. Gender Probationary.Introl
## 1  Henry Jonathan "Hank" Pym          1269      YES  MALE
## 2      Janet van Dyne          1165      YES FEMALE
## 3 Anthony Edward "Tony" Stark          3068      YES  MALE
## 4      Robert Bruce Banner          2089      YES  MALE
## 5      Thor Odinson          2402      YES  MALE
## 6      Richard Milhouse Jones          612      YES  MALE
##      Full.Reserve.Avengers.Intro Year Years.since.joining Honorary Death1 Return1
## 1      Sep-63 1963          52      Full      YES      NO
## 2      Sep-63 1963          52      Full      YES      YES
## 3      Sep-63 1963          52      Full      YES      YES
## 4      Sep-63 1963          52      Full      YES      YES
## 5      Sep-63 1963          52      Full      YES      YES
## 6      Sep-63 1963          52 Honorary      NO
##      Death2 Return2 Death3 Return3 Death4 Return4 Death5 Return5
## 1
## 2
## 3
## 4
## 5      YES      NO
## 6
##
## 1
## 2
## 3 Death: "Later while under the influence of Immortus Stark committed a number of horrible acts and v
## 4      Dies in Ghosts of the
## 5      Dies in Fear Itself brought back because that
## 6
```

```
avengers <- avengers[, c(1, 3, 4, 5, 6, 9, 10)]
```

```
head(avengers)
```

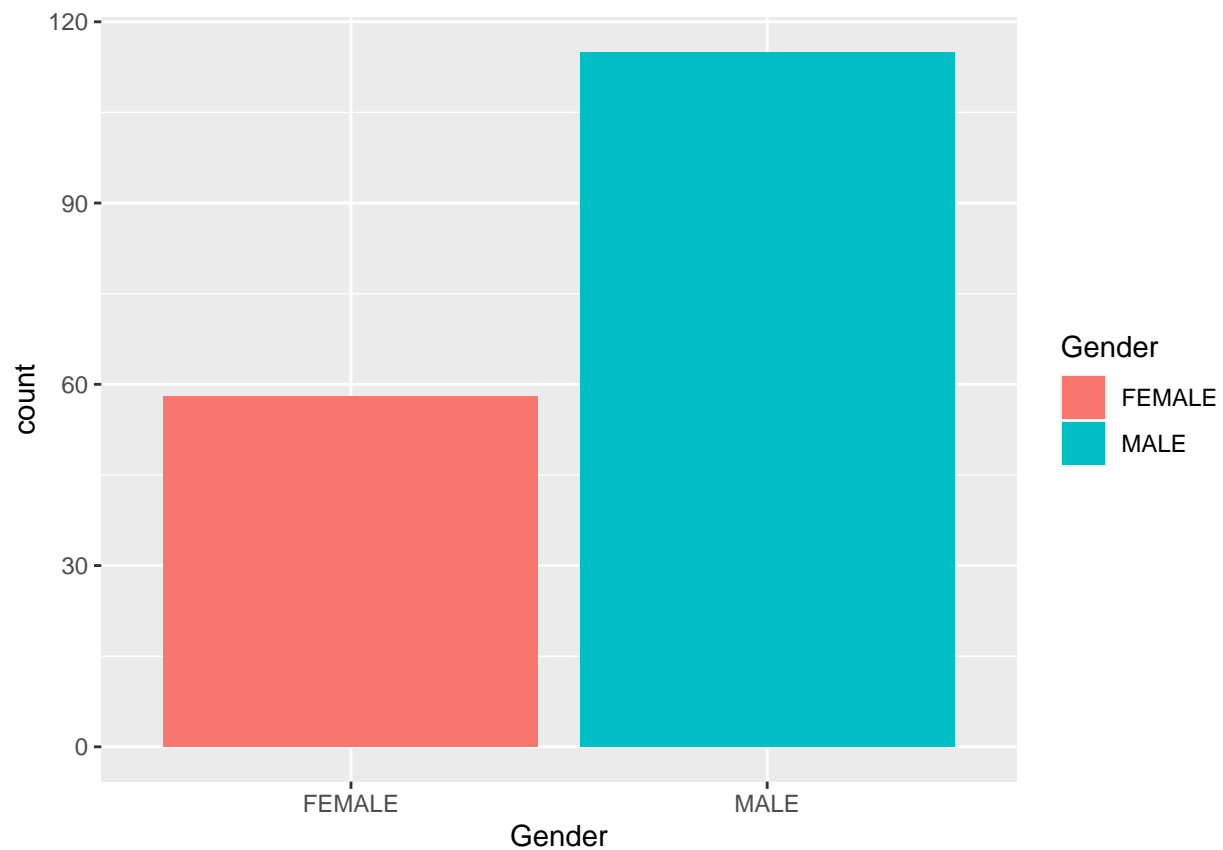
```
##      X              Name.Alias Appearances Current. Gender Year
## 1 1    Henry Jonathan "Hank" Pym      1269      YES   MALE 1963
## 2 2              Janet van Dyne      1165      YES FEMALE 1963
## 3 3 Anthony Edward "Tony" Stark      3068      YES   MALE 1963
## 4 4              Robert Bruce Banner      2089      YES   MALE 1963
## 5 5              Thor Odinson      2402      YES   MALE 1963
## 6 6      Richard Milhouse Jones       612      YES   MALE 1963
##      Years.since.joining
## 1              52
## 2              52
## 3              52
## 4              52
## 5              52
## 6              52
```

```
unique(avengers$Gender)
```

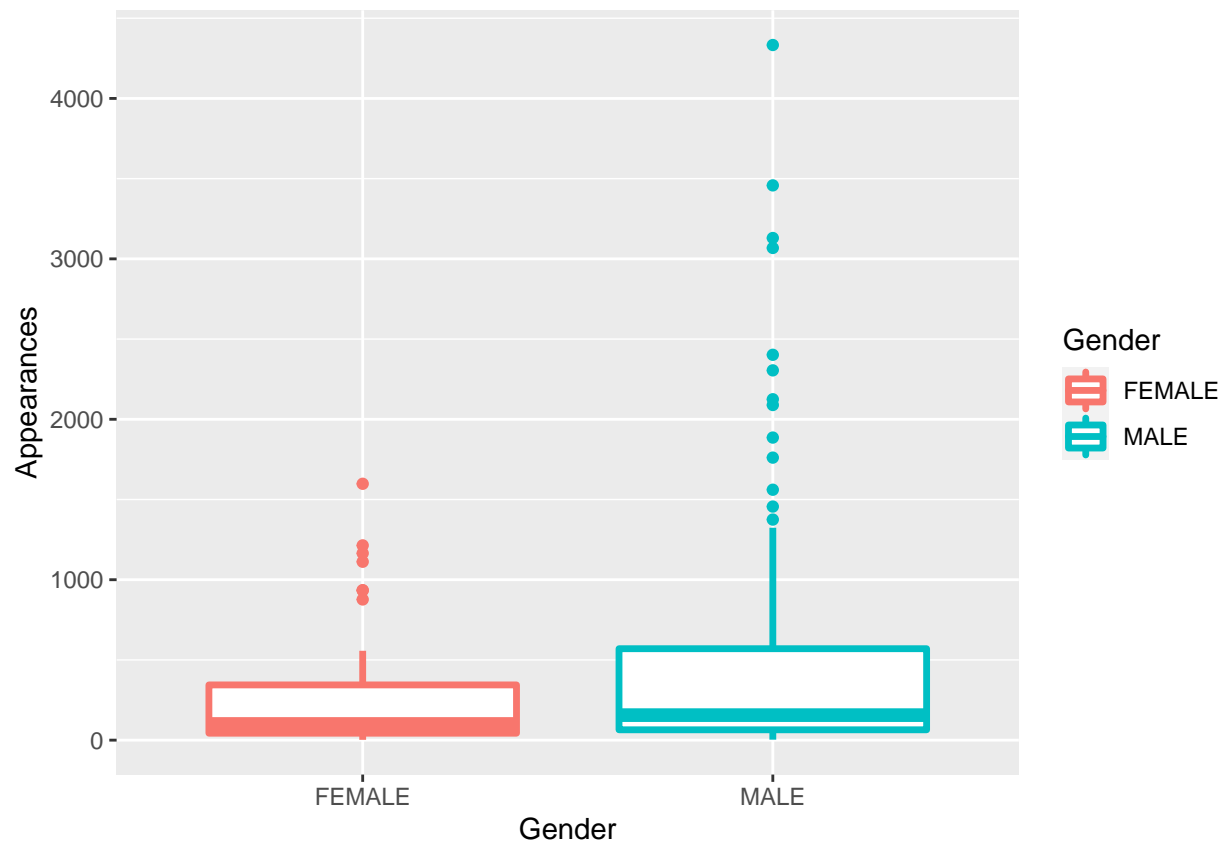
```
## [1] "MALE" "FEMALE"
```

```
library(ggplot2)
```

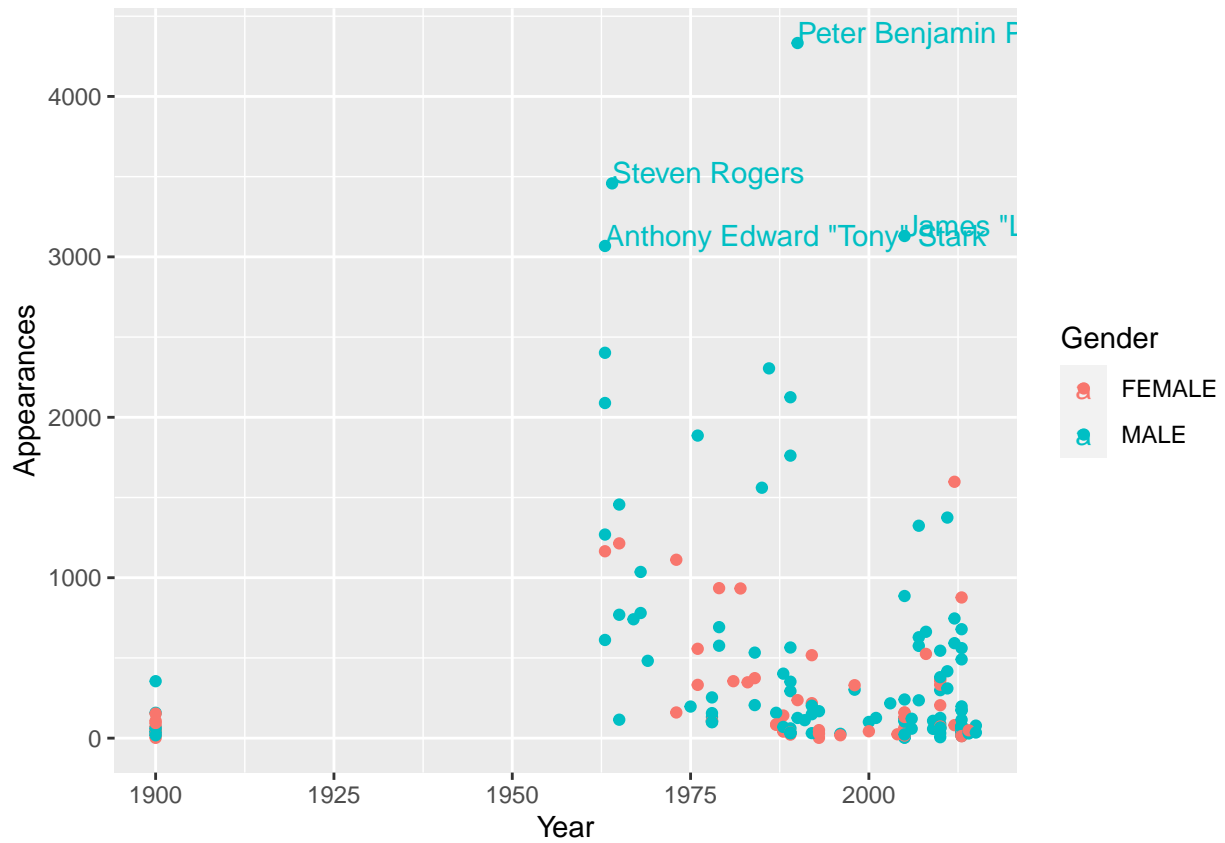
```
ggplot(data=avengers, aes(x=Gender, fill = Gender)) + geom_bar()
```



```
ggplot(data=avengers, aes(x=Gender, y = Appearances, color = Gender)) + geom_boxplot(size=1.2)
```



```
knitr::opts_chunk$set(fig.width=25, fig.height=8)
ggplot(data=avengers, aes(x=Year, y = Appearances, color = Gender, label = Name.Alias)) + geom_point()
```



```
ggplot(data=avengers, aes(x=Years.since.joining, y = Appearances, color = Current.)) + geom_point()
```

